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MILKHOUSE

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COOPERATIVE FARM BUILDING
Plan No. 6078
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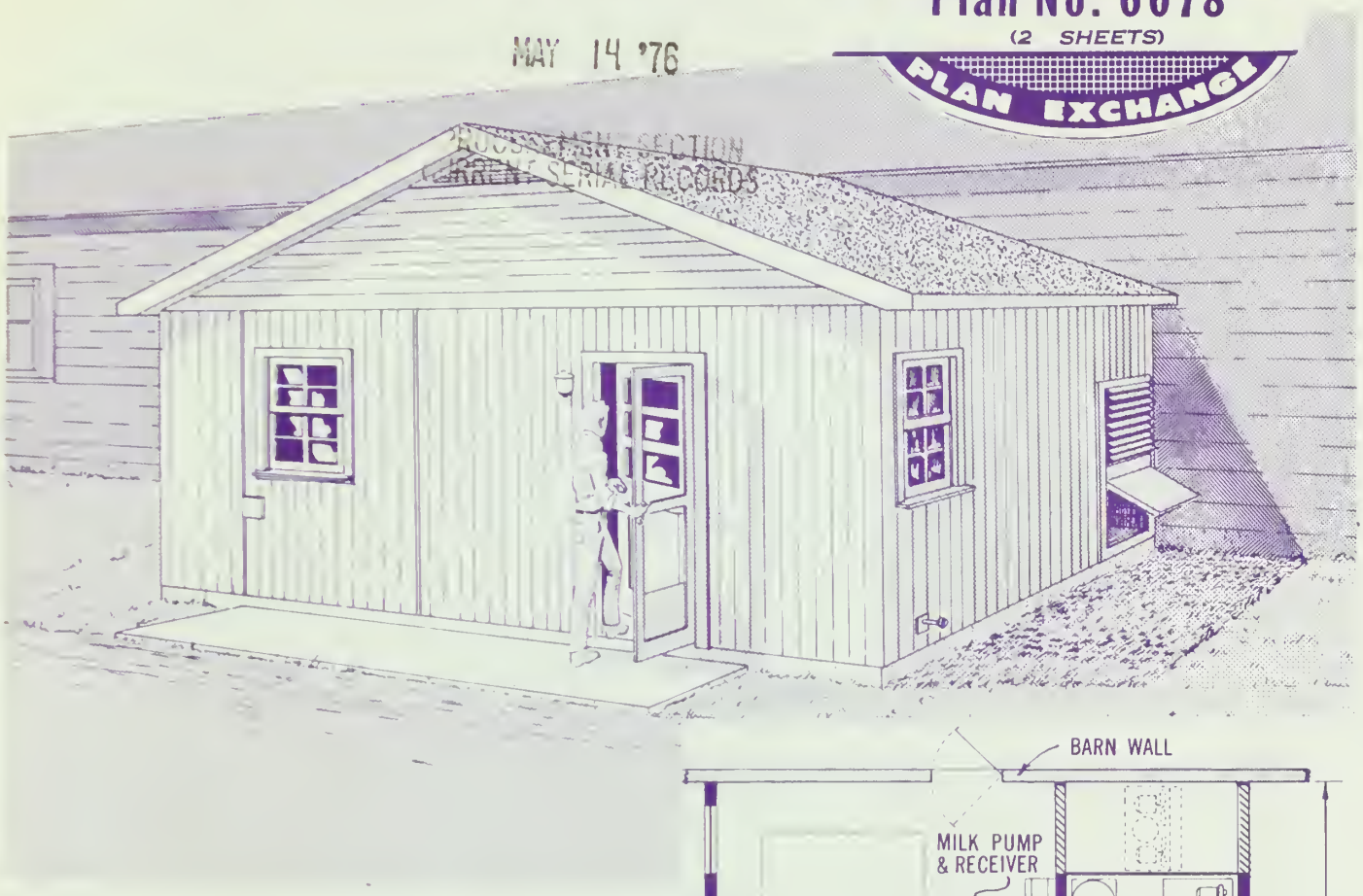

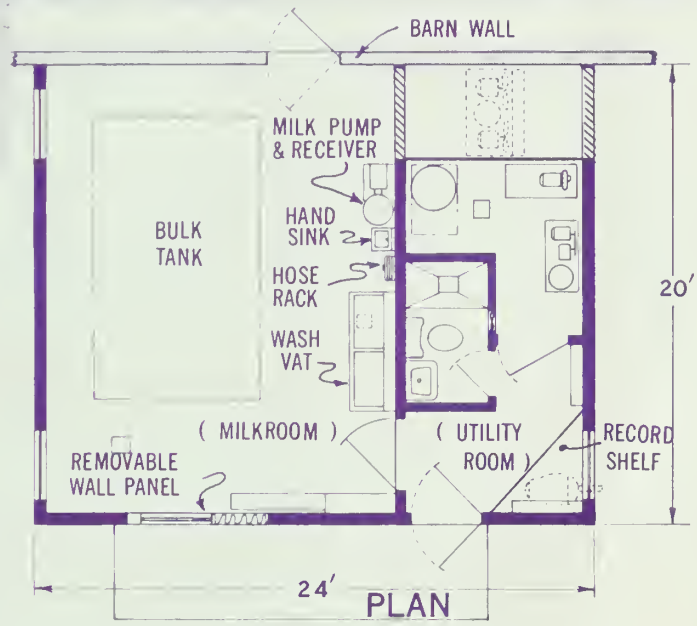

Milkhouses for bulk milk coolers are sometimes too large, too cluttered, or too poorly arranged to be conveniently kept clean. In winter they may be too cold and damp to work in comfortably, and in summer they may be hot and noisy because of the equipment in operation.

This carefully planned milkhouse was designed at Cornell University, Ithaca, N.Y., and it combines recommendations from milk sanitarians, U.S. Public Health Service, builders, and agricultural engineers. It is intended to provide sanitary, comfortable, and convenient conditions for collecting, cooling, and holding milk and for performing related chores. It may be attached to either a milking barn or a parlor.

The design combines a milkroom and a utility room with a small bathroom and enough space for all of the supporting equipment, including a standby generator with a shaft extending through the wall for PTO drive by a tractor. Novel housing is also provided for the compressor-condenser unit which directs heat from the unit into the milkroom during cold weather and to the outdoors during warm weather.

Washington, D.C.

Issued November 1970

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1183

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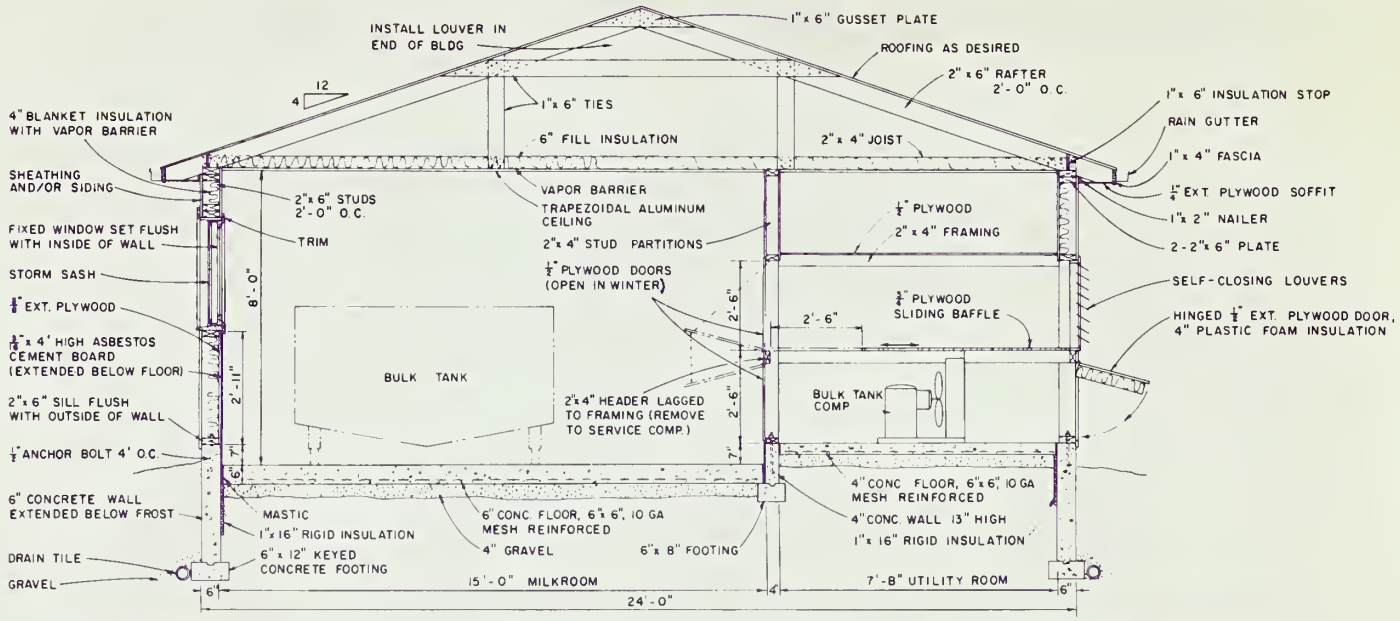

INTERIOR VIEW

The milkroom can accommodate either the longest or the widest 1,200 gallon bulk milk cooler tank known to be available (January 1969), with adequate side and end clearances.

The cross section, above, shows the general features of the milkhouse construction. Framing for an alternate shed roof is also shown on the working drawings. Roofing and siding may be selected to conform to the appearance of the adjacent building.

NOTE: Before starting construction, be sure the plans comply with all applicable building, electrical, and sanitation regulations in your area.

A large-scale working drawing may be obtained from the extension agricultural engineer at your State University. There may be a small charge to cover cost of printing. If you do not know the location of your State University, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

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Agricultural Engineering Research Division AGRICULTURAL RESEARCH SERVICE

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